

## PUBLIC INFORMATION STATEMENT

...2010 Severe Weather Awareness Week for Iowa...

Though spring is already upon Iowa, it is never too late to prepare for severe weather season. Today is the first day of Severe Weather Awareness Week for the state of Iowa, which will end Friday, April 9th.

Severe Weather Awareness Week provides the National Weather Service with an opportunity to test communication systems and to get potentially lifesaving information out to the public. Now is the time for everyone to review their safety plans and be prepared for the severe weather season.

The topic for today is Severe Weather Terminology.

It is important to understand the terms you may hear in a product issued by the National Weather Service.

A **severe thunderstorm** is a thunderstorm capable of producing hail one inch in diameter or larger, winds that are equal to or greater than 58 miles per hour, or a tornado.

A **tornado** is a violently rotating column of air which extends from a convective cloud and is in contact with the ground. The entire column of air associated with a tornado is not always visible, and may only be visible once it has picked up enough dirt and debris. A tornado can strike with little or no warning.

A **flash flood** is a rapid rise in water that occurs with little or no warning, and is usually the result of intense rainfall over a relatively small area in a short amount of time.

A **watch** is issued when conditions are favorable for the development of severe weather in and close to the watch area. The size of the watch depends on the situation, and is usually issued for a duration of 4 to 8 hours.

A **warning** is issued when severe weather has either been detected by radar or reported by storm spotters. Information in the warning will include the location, the primary threat, and path of the storm. Warnings can be issued without a watch already in effect. People in the affected area should seek shelter immediately.

Before severe weather strikes, develop a plan of action. Identify a place for you and your family to take shelter in the event of severe weather. Once you have a plan of action, conduct frequent drills to ensure everyone knows what to do at all times.

Anytime the threat for severe weather exists, stay updated on the latest weather information by going to the National Weather Service Website, <http://www.weather.gov>, or by tuning in to NOAA Weather Radio All Hazards, or your local television and radio station. Make sure to watch for signs for approaching storms, such as darkening skies, increasing winds, flashes of lightning, and thunder.

More information about Severe Weather Awareness Week can be found at:  
<http://www.weather.gov/omaha>.